Appendix A

DRAFT

Waste Certification Form and Waste Profile

WASTE CERTIFICATION FORM

Package identification number(s): _____

The undersigned certifies that, to the best of his/her knowledge, the waste identified above meets the waste acceptance criteria for the SSSTF. A complete and comprehensive copy of the laboratory analytical data is attached to the Waste Profile Sheet.

Certification:

Name (print) _____ Signature _____ Date _____

Title _____ Phone: _____

Email: _____

WASTE PROFILE SHEET

WASTE PROFILE SHEET

PART I

A. GENERAL INFORMATION

WASTE PROFILE NO. _____

1. GENERATOR NAME

2. FACILITY ADDRESS/LOCATION

3. 20 X LDR TCLP
Process Knowledge

4. WAG ID & Uniform Waste Stream

5. TECHNICAL CONTACT

6. TITLE

7. PHONE ( )

8. e-mail:

B. 1. NAME OF WASTE
2. USEPA/or/STATE WASTE CODE(S) _____
3. PROCESS GENERATING WASTE _____
4. PROJECTED ANNUAL VOLUME/UNITS _____ / _____ 5. MODE OF COLLECTION _____
6. IS THIS WASTE A DIOXIN LISTED WASTE AS DEFINED IN 40 CFR 261.31 ? _____
__ YES __ NO
7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL (40 CFR 268)? __ YES __ NO
HAS AN EXEMPTION BEEN GRANTED? __ YES __ NO
DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS? __ YES __ NO

PART II

1. MATERIAL CHARACTERIZATION

COLOR(required)
DENSITY _____ BTU/LB _____
TOTAL SOLIDS _____ ASH CONTENT _____
LAYERING: (required) __ MULTILAYERED __
BILAYERED __ SINGLE PHASE

2. RCRA CHARACTERISTICS

PHYSICAL STATE: __ SOLID __ LIQUID __ SEMI-SOLID
__ GAS __ OTHER
TREATMENT GROUP: __ WASTEWATER __ NON-WASTEWATER
__ IGNITABLE (D001) __ REACTIVE (D003)
FLASH POINT (F) _____ __ WATER REACTIVE
__ HIGH TOC (> 10%) __ CYANIDE REACTIVE
__ LOW TOC (< 10%) __ SULFIDE REACTIVE
__ CORROSIVE (D002) __ TOXICITY
CHARACTERISTIC
pH _____ *(SEE PART III)*
__ CORRODES STEEL

3. CHEMICAL COMPOSITION (ppm or mg/L)

COPPER _____ PHENOLICS _____
NICKEL _____ TOTAL HALOGENS _____
ZINC _____ VOLATILE ORGANICS _____
CHROMIUM-HEX _____ PCBs _____
(OTHER) _____

NOTE: EXPLOSIVES, SHOCK-SENSITIVE, PYROPHORIC,, AND ETIOLOGICAL WASTE NORMALLY MAY NOT BE ACCEPTED BY THE SSA DESIGNEE WITHOUT SPECIFIC APPROVAL.

4. MATERIAL COMPOSITION

COMPONENT	CONCENTRATION	RANGE

TOTAL _____ 100%

5. SHIPPING INFORMATION

DOT HAZARDOUS MATERIAL? __ YES __ NO
PROPER SHIPPING NAME _____
U.N. OR
HAZARD CLASS _____ N.A. NO. _____
ADDITIONAL DESCRIPTION _____
METHOD OF SHIPMENT __ BULK __ DRUM
__ OTHER:
CERCLA REPORTABLE QUANTITY (RQ) _____
EMERGENCY RESPONSE GUIDE PAGE
DOT PUBLICATION 5800.4 PAGE NO. _____
EDITION (YR)
SPECIAL HANDLING INFORMATION _____

6. GENERATOR INFORMATION
BASIS FOR INFORMATION
__ CHEMICAL ANALYSIS *(ATTACH RESULTS)*
__ USER *KNOWLEDGE (ATTACH SUPPORTING DOCUMENTS - Explain how and why these documents comply with RCRA requirements.*

I, _____, HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN AND ALL ATTACHED
(Print or Type Name)
DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED IN TO THE SSA.

ALL KNOWN OR SUSPECTED HAZARDS HAVE BEEN DISCLOSED.

SIGNATURE OF GENERATOR'S REPRESENTATIVE	**DATE**

7. WASTE ACCEPTANCE INTO ICDF Landfill SSTF Evaporation Pond

SIGNATURE OF ICDF Complex DESIGNEE Preliminary Acceptance	**DATE**
SIGNATURE OF ICDF Complex DESIGNEE Final Acceptance	**DATE**

PART III
HAZARDOUS CHARACTERISTIC LIST

Total Metals TCLP* Process Knowledge

CONTAMINANT	EPA HW No.	(mg/L)	CONTAMINANT	EPA HW No.	(mg/L)
__ ARSENIC	D004		__ HEXACHLORO-1,3,-BUTADIENE	D033	
__ BARIUM	D005		__ HEXACHLOROETHANE	D034	
__ BENZENE	D018		__ LEAD	D008	
__ CADMIUM	D006		__ LINDANE	D013	
__ CARBON TETRACHLORIDE	D019		__ MERCURY	D009	
	D020		__ METHOXYCHLOR	D014	
__ CHLORDANE	D021		__ METHYL ETHYL KETONE	D035	
__ CHLOROBENZENE	D022		__ NITROBENZENE	D036	
__ CHLOROFORM	D007		__ PENTACHLOROPHENOL	D037	
__ CHROMIUM	D023		__ PYRIDINE	D038	
__ O-CRESOL	D024		__ SELENIUM	D010	
__ M-CRESOL	D025		__ SILVER	D011	
__ P-CRESOL	D026		__ TETRACHLOROETHYLENE	D039	
__ CRESOL	D016		__ TOXOPHENE	D015	
__ 2,4-D	D027		__ TRICHLOROETHYLENE	D040	
__ 1,4-DICHLOROBENZENE	D028		__ 2,4,5-TRICHLOROPHENOL	D041	
__ 1,2-DICHLOROETHANE	D029		__ 2,4,6-TRICHLOROPHENOL	D042	
__ 1,1-DICHLOROETHYLENE	D030		__ 2,45-TP (SILVEX)	D017	
__ 2,4-DINITROTOLUENE	D012		__ VINYL CHLORIDE	D043	
__ ENDRIN	D031				
__ HEPTACHLOR (AND ITS HYDROXIDE)	D032				
__ HEXACHLOROBENZENE					

***TCLP data are required for waste streams where total metals exceed 20X the TCLP LDRs.**

All required analysis for this sheet must be attached prior to submittal.

PART IV
RADIOLOGICAL LIST

ISOTOPE	%	(pCi/g)	ISOTOPE	%	(pCi/g)
^{3}H			^{60}Co		
^{7}Be			^{60}Co act. metal[c]		
^{10}Be			^{63}Ni		
^{14}C			^{63}Ni act. metal[c]		
^{14}C act. Metal[c]			^{65}Zn		
^{22}Na			^{68}Ge		
^{32}P			^{75}Se		
^{35}S			^{79}Se		
^{36}Cl			^{82}Sr		
^{40}K			^{85}Kr		
^{45}Ca			^{85}Sr		
^{46}Sc			^{86}Rb		
^{49}V			^{88}Y		
^{51}Cr			^{89}Sr		
^{54}Mn			^{90}Sr–^{90}Y		
^{55}Fe			^{93}Mo		
^{56}Co			^{93m}Nb		
^{57}Co			^{93}Zr		
^{58}Co			^{94}Nb		
^{59}Fe			^{94}Nb act.[c]		
^{59}Ni			^{95}Nb		
^{59}Ni act. Metal[c]			^{207}Bi		
^{95}Zr–^{95m}Nb			^{210}Pb		
^{99}Tc			^{210}Po		
^{103}Ru–^{103m}Rh			^{226}Ra		
^{106}Ru–^{106}Rh			^{227}Ac		
^{107}Pd			^{228}Ra		
^{108m}Ag			^{228}Th		
^{109}Cd			^{229}Th		
^{110m}Ag–^{110}Ag			^{230}Th		
^{113m}Cd			^{231}Pa		
^{113}Sn			^{232}Th		
^{119m}Sn			Total U		
^{121m}Sn			^{232}U		
^{121}Te			^{233}U		
^{123}Te			^{234}Th		
^{124}Sb			^{234}U		
^{125}I			^{235}U		
^{126}Sn–^{126m}Sb			^{236}Pu		
^{125m}Te			^{236}U		
^{125}Sb			^{237}Np[d]		
^{127m}Te–^{127}Te			^{238}Pu[d]		
^{129}I			^{238}U		
^{129m}Te			^{239}Pu[d]		
^{131m}Xe					

RADIOLOGICAL LIST (continued)

ISOTOPE	%	(pCi/g)	ISOTOPE	%	(pCi/g)
__ ^{133}Ba			__ $^{240}Pu^{d}$		
__ ^{134}Cs			__ $^{241}Am^{d}$		
__ ^{135}Cs			__ ^{241}Pu		
__ ^{137}Cs–^{137m}Ba			__ $^{242m}Am^{d}$		
__ ^{140}Ba			__ ^{242}Cm		
__ ^{141}Ce			__ $^{242}Pu^{d}$		
__ ^{144}Ce–^{144}Pr			__ $^{243}Am^{d}$		
__ ^{147}Nd			__ $^{243}Cm^{d}$		
__ ^{147}Pm			__ ^{244}Cm		
__ ^{147}Sm			__ $^{244}Pu^{d}$		
__ ^{150}Eu			__ $^{245}Cm^{d}$		
__ ^{151}Sm			__ $^{246}Cm^{d}$		
__ ^{152}Eu			__ $^{247}Bk^{d}$		
__ ^{152}Gd			__ $^{247}Cm^{d}$		
__ ^{153}Gd			__ $^{248}Cm^{d}$		
__ ^{154}Eu			__ $^{249}Cf^{d}$		
__ ^{155}Eu			__ ^{250}Cf		
__ ^{170}Tm			__ $^{250}Cm^{d}$		
__ ^{175}Hf			__ $^{251}Cf^{d}$		
__ ^{181}Hf			__ ^{252}Cf		
__ ^{182}Ta			__ ^{254}Es		
__ ^{185}W					
__ ^{187}Re					
__ ^{195}Au					
__ ^{203}Hg					
__ ^{204}Tl					

PART V LABELING	es	o
1. Are containers marked with the waste generation date?		
2. Does container have CERCLA label?		
3. Does container have IWTS label?		
5. PCB Containing Waste (40 CFR 761.45)?		
Large PCB Mark (M_L) [for large containers] | Small PCB Mark (M_S) [used for small containers]		

PART VI					
PACKAGING TYPE					
Waste Type	55 Gallon Drum[a] Or other sized steel drums	Roll Off Containers[a]	Crosslink Polyethylene Tanks (storage) Or tanker truck (transport)		INEEL Wood Boxes[a] 2 x 4 x 8 ft 4 x 4 x 4 ft 4 x 4 x 8 ft
			VCT[c]	VOT[c]	
Hazardous	XX	XX	—	—	XX
RAD[b]	XX	XX	—	—	XX
RAD & Mixed RAD[b]	XX	XX	—	—	XX
Asbestos-TSCA	XX	XX	—	—	XX
Asbestos-TSCA/RAD Waste[b]	XX	XX	—	—	XX
Purge Water	—	—	XX	XX	—
Case-by-Case[d]	XX	XX	XX	XX	XX

a. Drums, roll-offs, and INEEL wood boxes will be lined with polyethylene liners (or supersacks). Roll-off containers will have containers.

b. Low-level radioactive waste shall be packaged for disposal in accordance with 10 CFR 61.56(a). The container must also be surveyed to ensure occupational exposures to radiation are < 500 mR/h at 1 meter for the exterior of the container. If the containers radiation level is > 500 mR/h then the container must be shielded by other containers within the SSA

c. VCT (Vertical Closed Top) and VOT (Vertical Open Top) above ground tanks will meet or exceed ASTM D 1998-91, Type I: Tanks molded from crosslinkable polyethylene.

d. Wastes accepted on a case-by-case basis could require special container requirements. Therefore, the generator must verify proper containers with 49 CFR 101, Subpart C

e. Drums, roll offs, and INEEL wood boxes will be lined with polyethylene liner.

NOTE: Other types of containers may be used if they have received approval prior to shipment.

CHAIN-OF-CUSTODY FORM

Database Tracking No. _____
Profile No. _____
Waste Description _____
Generator _____
Collector's Name _____ Date/Time Shipped _____
Shipping Volume _____ _____

PRECAUTIONS: _____
_____

Handling Section

Received From _____

Received By _____ Date/Time Received _____

Name of Receiving Organization _____
_____

Comments _____
_____

Received From _____
_____

Received By _____ Date/Time Received _____

Name of Receiving Organization _____
_____
Comments _____
_____

Received From _____
_____

Received By _____ Date/Time Received _____

Name of Receiving Organization _____
_____
Comments _____
_____